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**RESPONSE UNDER 37 C.F.R. 1.116 - EXPEDITED  
PROCEDURE - EXAMINING GROUP 1641**

Attorney Docket No. 5051.511

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Cuomo et al.

Serial No.: 09/826,431

Filed: April 4, 2001

For: *ABSORBING AND NON-ADSORBING SURFACES FOR BIOLOGICAL MATERIALS*

Examiner: My-Chau T. Tran

Group Art Unit: 1641

Confirmation No. 8488

September 10, 2002

Box AF  
Commissioner for Patents  
Washington, DC 20231

**AMENDMENT AFTER FINAL**

In response to the Final Office Action ("the Action") mailed July 10, 2002, please make the following amendments. A copy of the amendments with the changes shown is attached entitled "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

**In the claims:**

Please amend the following claims.

1. (Twice Amended) A substrate comprising a surface with at least one electrophilic or nucleophilic functional group attached thereto, said substrate having a coating positioned thereon, the coating comprising an amorphous chemically crosslinked material comprising elements selected from the group consisting of (1) M, O, C, H, and N; wherein M is a metal selected from the group consisting of silicon, titanium, tantalum, germanium, boron, zirconium, aluminum, hafnium and yttrium; (2) M, O, H, and N wherein M is defined above, (3) C; (4) O, C, H, and N; and (5) M or C, and one of O, H, or N, wherein the chemically crosslinked material is terminated with the at least one electrophilic or nucleophilic functional group;

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the electrophilic or nucleophilic functional group selected from the group consisting of hydrogen-termination, alkyl groups, quarternary ammonium groups, carbon, silicon, halogens, oxygen, hydrogen, nitrogen, sulfur and phosphorus.